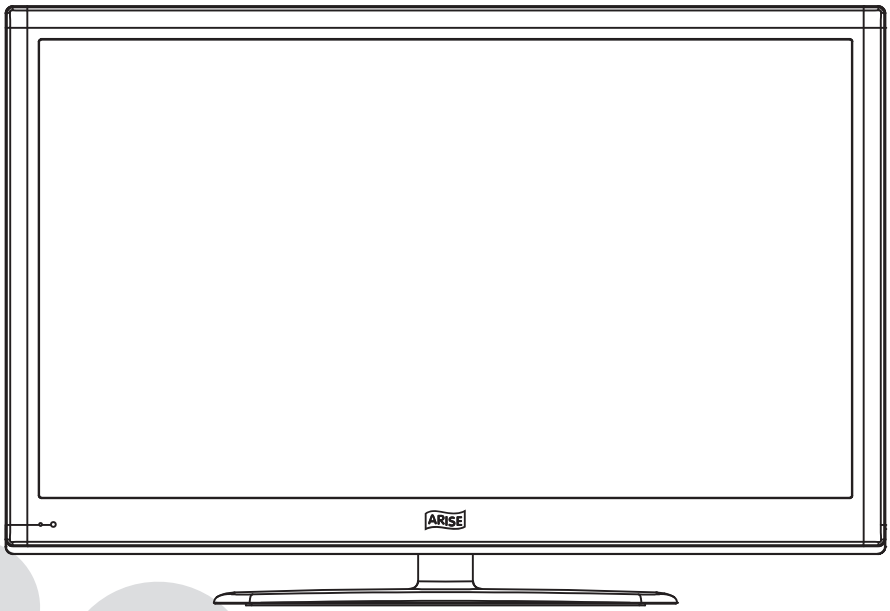
User's Manual

SIZE:32"-47"



Important

Please read this manual carefully for proper usage before installation and use.It is recommended to keep this manual properly for future check.

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Characteristic Functions

1. It can support 3D video player function, bringing you with true-to-life 3D scene and vivid experience.
2. Compatibility with 2D/3D display allows you to freely switch from 2D to 3D, and vice versa.
3. High quality 3D LCD screen is free from flashing and has little radiation, thus greatly reducing fatigue of your eyes for care. It also features high brightness & contrast and wide view. Extremely prompt responsiveness greatly reduces blurred pictures in motion.
4. TV/Monitor with two in one and multiple input ports can easily switch among the modes.
5. De-interlacing image disposal is adopted. Today's most advanced technique for movement compensation, can completely improve the saw tooth and vague edges of the athletic picture.
6. There are four smart sound modes and four smart image modes.
7. Dynamic contrast technology can obviously improve the definition and contrast of the picture
8. Tuner for frequency synthesis can support full auto search and manual search.
9. With perfect timing function, you can set time to turn off. It will be turned off in state of no signals, too.
10. Auto Adjustment can help you to setup the image into the best performance in a few seconds instead of complicated adjustment in PC mode.
11. Auto color balance adjustment technology can make the machine to reach the best color setting in PC mode.
12. Support hi-definitionYPbPr and double HDMI.
13. All functions can be operated with remote control, which is really a convenient operation.
14. Power is designed to save energy.
15. Input ports include VGA, YPbPr, HDMI, S-Video, CVBS, USB and TV.
16. Output ports include AV and Earphone.
17. Supports USB interface. USB Support Full HD Streaming media.

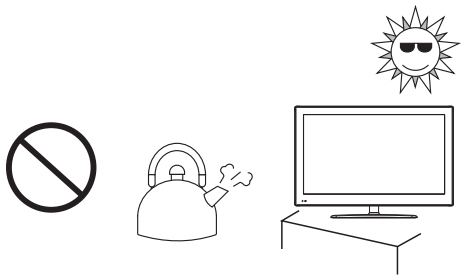
Important Safety Instructions

Thank you to choose the ARISE LCD TV , a valuable product withexcellent quality and multiple functions. This machine will bring you more audiovisual enjoyment. Its design can insure user's safety. All machine are strictly tested before leaving factory. But incorrect use can lead to electric shock or fire. In order to insure safety and extend its life, please read below regulations carefully before using it and comply with the following safety instructions.

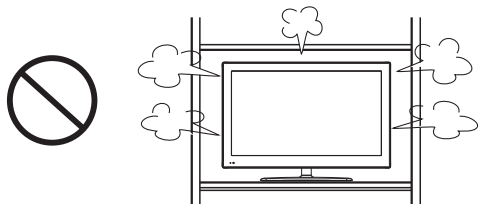
- When the following troubles occur, please pull out the plug and call the professional engineers to repair.
  A. The cable or plug is damaged.
  B. The product was fallen down or the case is damaged.
  C. Obvious abnormal situation occurs. In spite of correct operation according to the user manual but it still can't work normally.
  D. Some abnormal substances or liquid fall into it.
  E. Unusual sound or smell sends out.

- There is high voltage inside the machine but no parts which can be repaired by users themselves. In order to assure the people's safety, please do not open the case to repair it by yourself. If it is needed to repair, please contact qualified engineer to repair.

- Please put this machine in the place of well ventilation, instead of extremely hot, cool or moist, and direct sunlight.

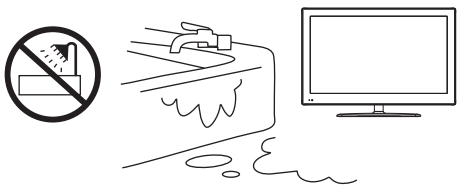


- The slots on the case is designed to release heat so as to assure that all inside components will not reach an extra high temperature and can work normally for a long time. Please do not cover the holes while placing it.



- Unless there is good ventilation installation, please do not put this machine in inlaid device.

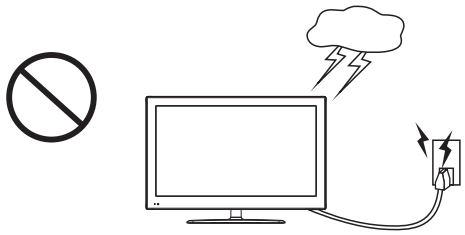
- Please do not place it on an unstable position so as to avoid falling off.



- Do not place the LCD TV near water source, like a bathtub, pool, washing machine, or moist

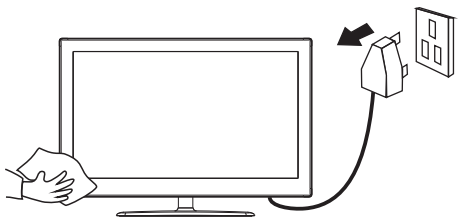
cellar and similar environment.

- During a thunder rain weather, do not touch the power cord and antenna cable. Please pull out the power line and aerial plugs for preventing thunder and lightning damage to this machine.



- All cables can be connected or pull out only after power supply is turned off.

- The power cord must be taken off before you clean the machine. Do not use the liquid cleanser or aerosol cleanser. It is recommended to use a wet soft cloth to clean the machine. Do not use the alcohol, impregnant or ammoniac liquid to wipe the screen.



- If you will not use the machine for a long time, please pull out the power cord. Do not keep the sleeping mode for too long time.

- Read the manual and marking label before using the machine, and keep the user manual for later use.

- Don't use the attachments which are not recommended by the machine manufacturer as they may cause hazards.

- The power cord must be placed correctly so as to avoid be trample or crush.

- Please do not make the power socket overloaded or the power cord extended. Otherwise it will cause fire or electrical shock.

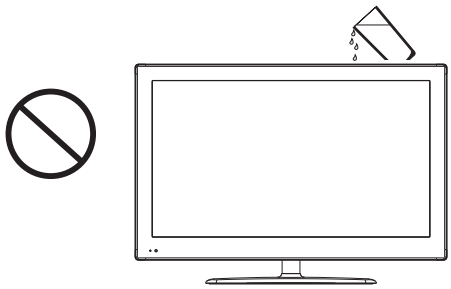
- The LCD panel is fragile and expensive. The surface of the panel is easy to be scratched. Please do not use the hard thing to knock, press, score the panel. Otherwise it will be harmful for the panel. The exchange cost is very high.

- All technical specification on this instruction book and outer package are subject to change without notice. If the instruction book has slight difference with actual operation, please take the actual operation as standard.

Important Safety Instructions

- When the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

- The machine should not suffer from waterdrop or watersplash, do not place the vessel with water (or other liquids) on it, otherwise it is possible to catch fire or electric shock.



- The attaching plug should be inserted into the power point completely, otherwise it may cause spark to bring fire.

- Please do not put candle, ash-tray, incense, inflammables or explosive nearby this machine.

- Please do not stretch into any sharp object, metal or liquid, or touch the signal attachment or the inner of radiation hole, in order to avoid short circuit and product damage, or possibly causing electric shock. Especially pay attention when there are children on the spot.

- Please do not use the machine immediately when moving the machine from low temperature place to high temperature one, or install and use at the place of facing air conditioning, otherwise it may cause the condensation in the machine, to cause fault.

- Must be careful when moving this machine, avoiding being struck, especially pay attention to protect the screen part. In addition, if using handcart, must note the injury as the product is overturned from the handcart because of hard braking, overexerting and uneven ground.

The Technical Specifications for Final Product

Panel size	32"	
Max. Resolution	1366×768	
Best Resolution	1360×768@60Hz	
Pixel Pitch	0.51075mm×0.51075mm	
Active Area	697.6845mm×392.256mm	
Color	16.7M	
Power Supply	100V-240VAC 60/50Hz	
Power Consumption of Speaker	8W+8W	
Dimension (L×H×W)	Excluding base	Unpacking: 787×494×101mm or 787×494×93mm Packing: 900×610×205mm or 900×610×195mm
	Including base	Unpacking: 787×555×101mm or 787×555×93 Packing: 1015×610×200mm or 1030×600×190mm
Weight	Excluding base	Net Weight: 10.0Kg Gross Weight: 11.5Kg
	Including base	Net Weight: 11.5Kg Gross Weight: 13.0Kg

Panel size	37" (HD)		37" (FHD)
Max. Resolution	1366×768		1920×1080
Best Resolution	1360×768@60Hz		1920×1080@60Hz
Pixel Pitch	0.600mm×0.600mm		0.42675mm×0.42675mm
Active Area	819.6mm×460.8mm		819.36mm×460.89mm
Color	16.7M		
Power Supply	100V-240VAC 60/50Hz		
Power Consumption of Speaker	8W+8W		
Dimension (L×H×W)	Excluding base	Unpacking: 911×565×112.5mm Packing: 1020×685×225mm	
	Including base	Unpacking: 911×635×112.5mm Packing: 1180×685×225mm	
Weight	Excluding base	Net Weight: 13.0Kg Gross Weight: 15.0Kg	
	Including base	Net Weight: 16.0Kg Gross Weight: 18.0Kg	

Technical Specifications

Panel size	42" (HD)		42" (FHD)
Max. Resolution	1366×768		1920×1080
Best Resolution	1360×768@60Hz		1920×1080@60Hz
Pixel Pitch	0.681mm×0.681mm		0.4845mm×0.4845mm
Active Area	930.25mm×523.01mm		930.24mm×523.26mm
Color	16.7M		
Power Supply	100V-240VAC 60/50Hz		
Power Consumption of Speaker	8W+8W		
Dimension (L×H×W)	Excluding base	Unpacking: 1014×625×115 mm Packing: 1135×730×225 mm	
	Including base	Unpacking: 1014×691×115 mm Packing: 1280×730×225mm	
Weight	Excluding base	Net Weight: 16.5Kg Gross Weight: 19.0Kg	
	Including base	Net Weight: 19.5Kg Gross Weight: 22.0Kg	

Panel size	47"	
Max. Resolution	1920×1080	
Best Resolution	1920×1080@60Hz	
Pixel Pitch	0.5415mm×0.5415mm	
Active Area	1039.68mm×584.82mm	
Color	1.06 Billion	
Power Supply	100V-240VAC 60/50Hz	
Power Consumption of Speaker	8W+8W	
Dimension (L×H×W)	Excluding base	Unpacking: 1126×687×113.5mm Packing: 1270×875×255mm
	Including base	Unpacking: 1126×757×113.5mm
Weight	Excluding base	Net Weight: 19.0Kg Gross Weight: 24.5Kg

Operating Environment:
Temperature: 5～40℃ Humidity: 10%～85% Atmosphere Pressure: 86kPa～104kPa

Storage Environment:
Temperature: -20～55℃ Humidity: 5%～95% Atmosphere Pressure: 86kPa～104kPa

Technical Specifications

Technical Specifications for TV

1.Supported Systems：PAL+SECAM or PAL+NTSC
2.Storage channels: 199
3.TV(RF): 75Ω Imbalance
4.AV Video-Input: 75Ω,1VP-P, RCA
5.AV Audio-Input: 20KΩ, 500mV RMS
6.YPbPr/HDMI Video Input: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p

VGA Display Mode

32"

NO.	Mode	Resolution	Refresh
1	VGA	720×400	70Hz
2		640×480	60Hz
3	SVGA	800×600	60Hz
4	XGA	1024×768	60Hz
5	WXGA	1360×768	60Hz

Recommended mode: 1360X768@60Hz

37" / 42"

NO.	Panel	Mode	Resolution	Refresh
1	FHD/HD panel	VGA	720×400	70Hz
2			640×480	60Hz
3		SVGA	800×600	60Hz
4		XGA	1024×768	60Hz
5			1280×720	60Hz
6		WXGA	1360×768	60Hz
7	FHD panel		1600×900	60Hz
8		WUXGA	1920×1080	60Hz

Recommended mode: HD panel: 1360X768@60Hz
FHD panel: 1920X1080@60Hz

47"

NO.	Mode	Resolution	Refresh
1	VGA	720×400	70Hz
2		640×480	60Hz
3	SVGA	800×600	60Hz
4	XGA	1024×768	60Hz
5		1280×720	60Hz
6		1280×960	60Hz
7	SXGA	1280×1024	60Hz
8	WXGA	1360×768	60Hz
9		1600×900	60Hz
10	WUXGA	1920×1080	60Hz

Recommended mode: 1920X1080@60Hz

Power Management

This product is complied with EPA Energy Star Standard and compatible with VESA DPMS Standard. Details are listed as follows:

Mode	LED Indicator	Power Consumption			
		32"	37"	42"	47"
On	Off	≤170W	≤180W	≤240W	≤320W
Standby	Lighting	≤1.0W	≤1.0W	≤1.0W	≤1.0W

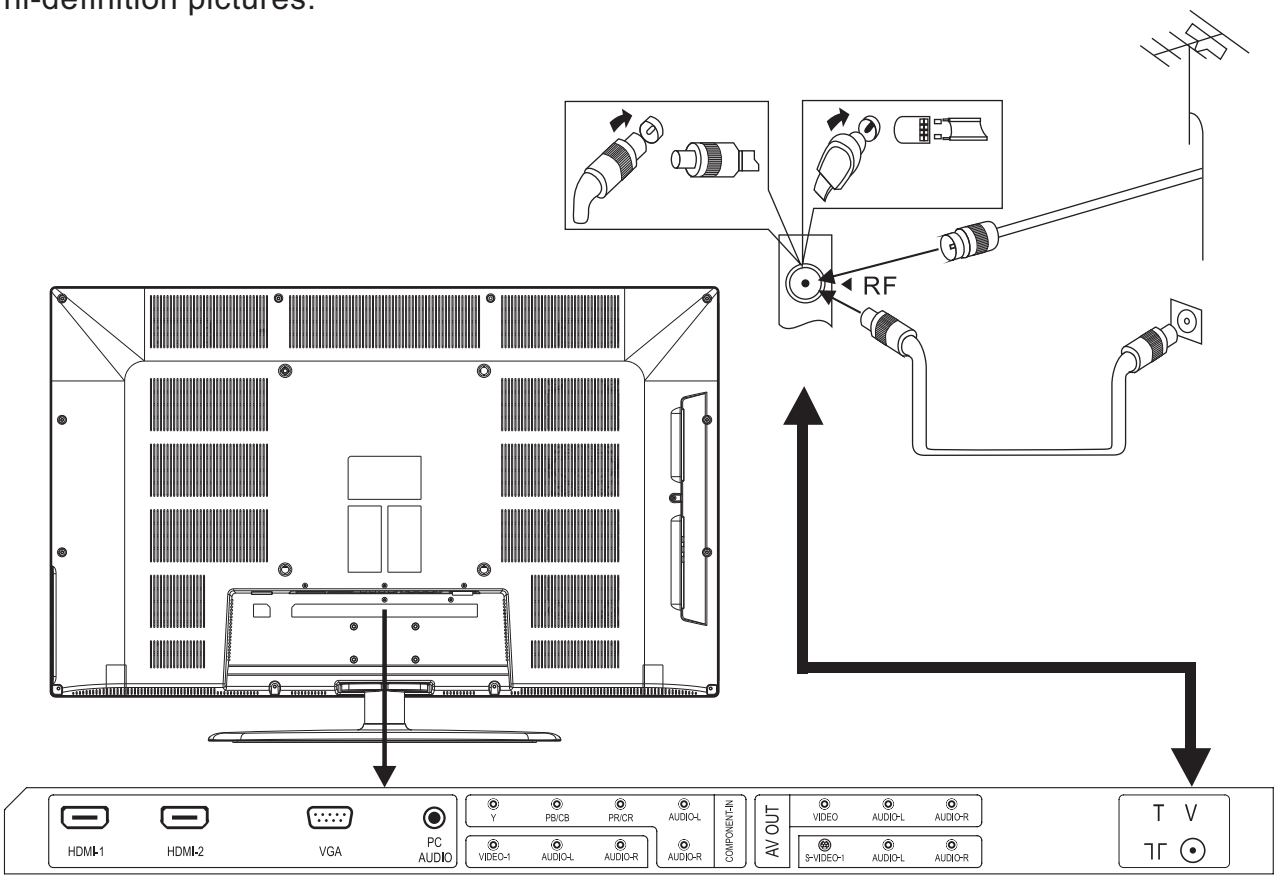
Note: *All the specifications in the user manual or on the packing carton may be changed without additional notice.*

Packing Listing

1. LCD TV
2. User Manual
3. Power Cable (or the machine itself has power cable)
4. Remote Control
5. Four 3D glasses

Antenna Connection

It is better to use outdoor antenna or CATV cable if you want to watch the colorful and hi-definition pictures.



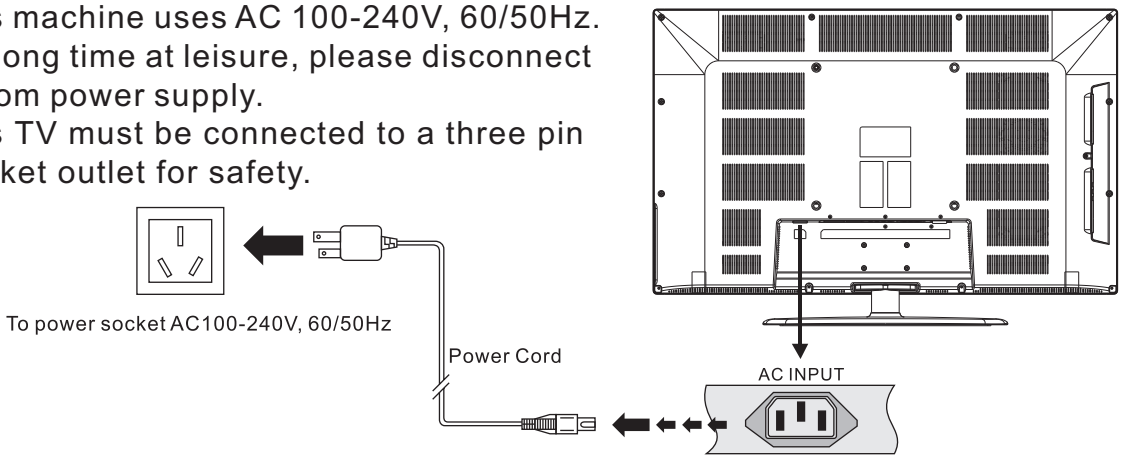
Attention:

Please turn off TV power before the outdoor antenna is connected to the TV signal input port. Outdoor antenna can't be located near the high voltage cables. Please pull out the plug of outdoor antenna to avoid thunder shock in thunder weather.

Power Connection

Notes:

1.This machine uses AC 100-240V, 60/50Hz.
2.If a long time at leisure, please disconnect it from power supply.
3.This TV must be connected to a three pin socket outlet for safety.

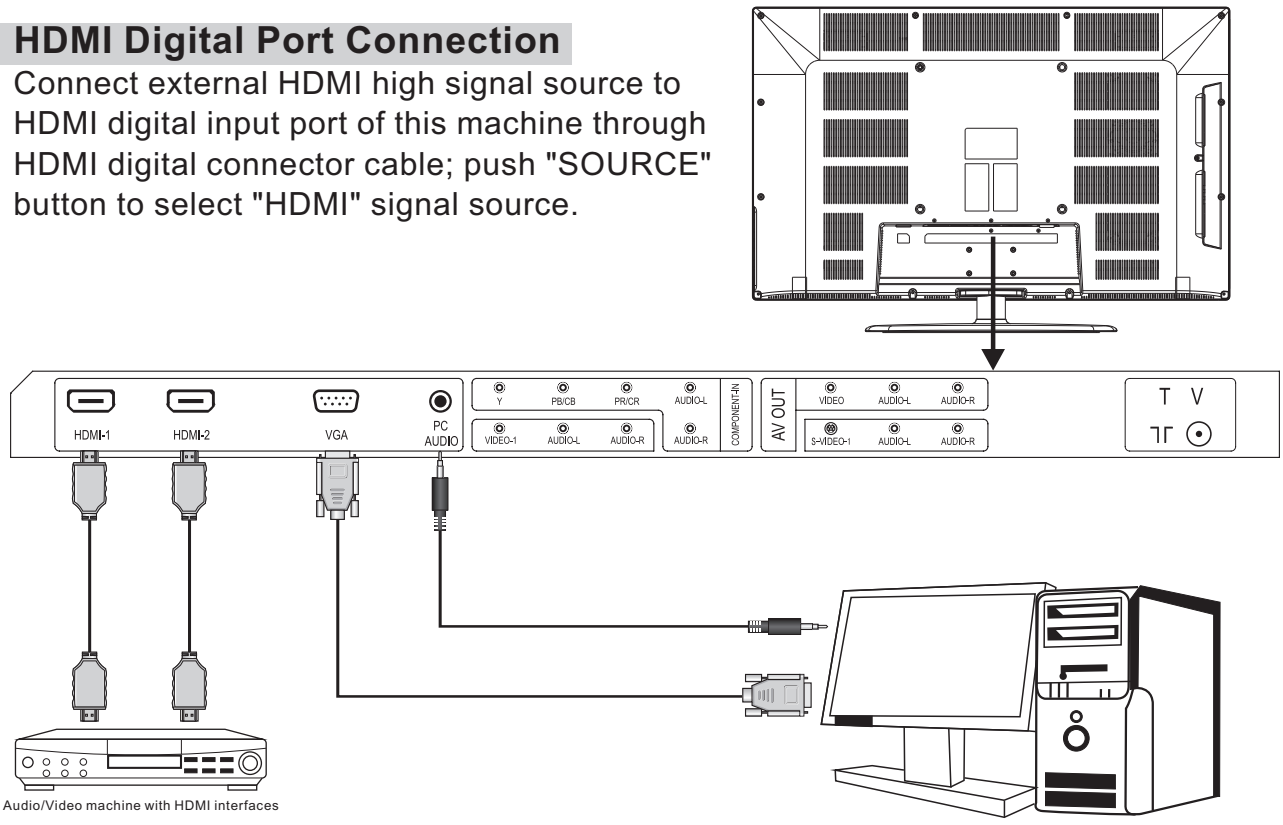


Computer Connection

Please connect one end of VGA cord with the output port of the computer (available for both desktop or laptop computer), and another end of VGA cord with the input port of the VGA on its rear cover.

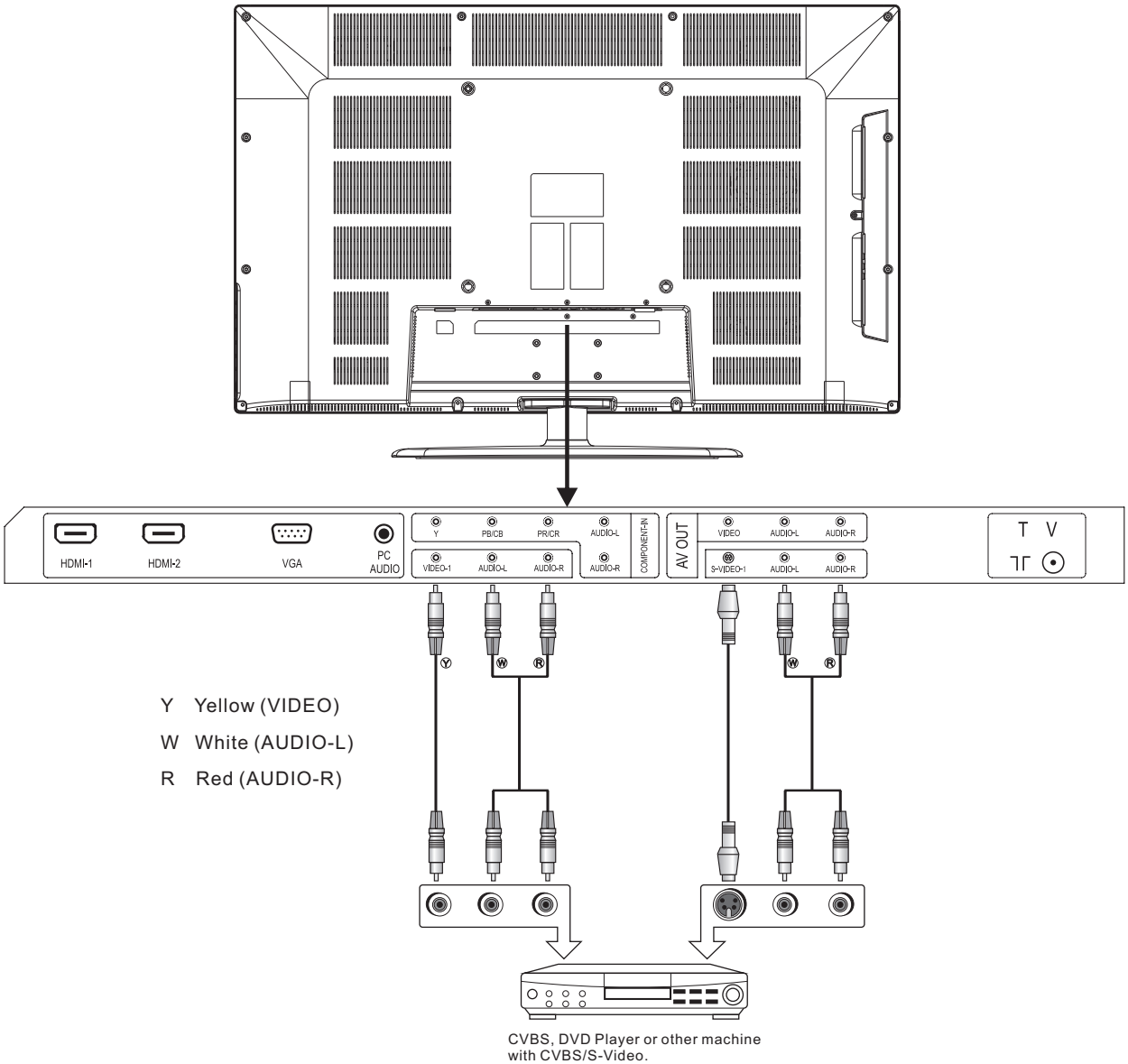
HDMI Digital Port Connection

Connect external HDMI high signal source to HDMI digital input port of this machine through HDMI digital connector cable; push "SOURCE" button to select "HDMI" signal source.



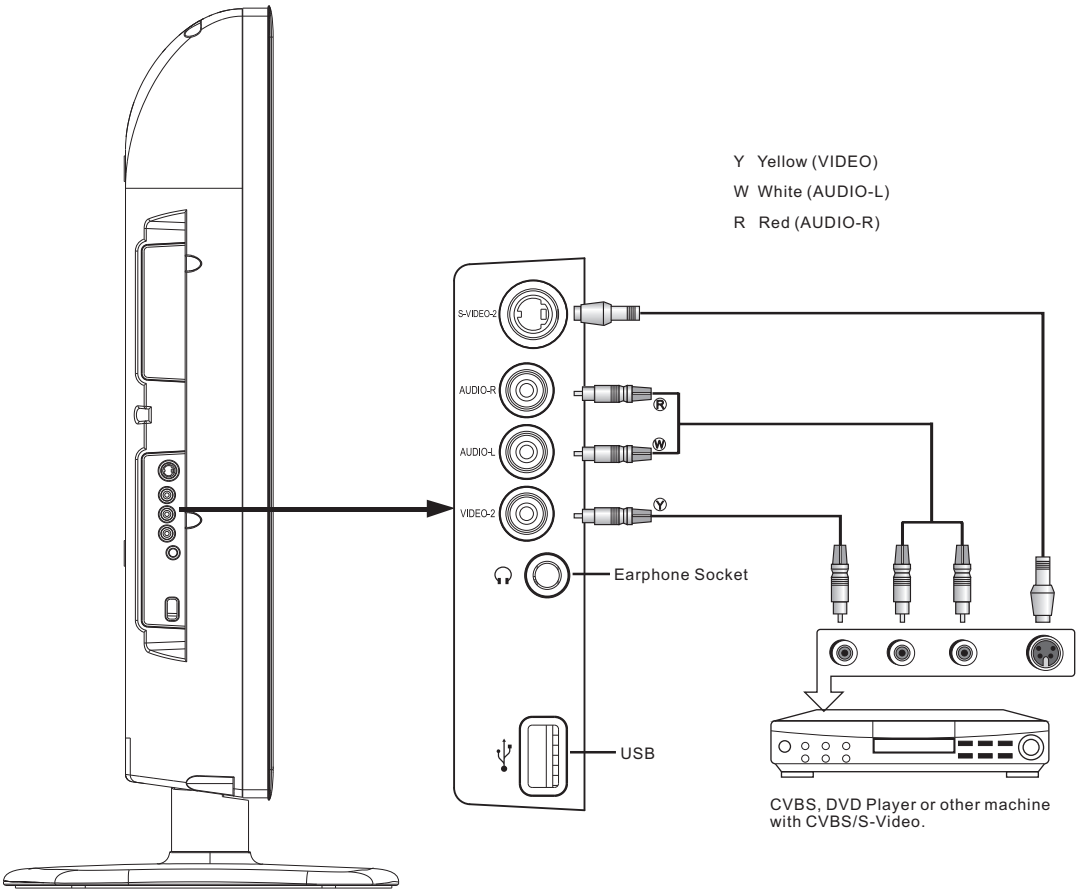
AV1 Video Signal Connection

Through composite cable, connect AV equipment VIDEO output termination to this machine VIDEO input, and AV equipment AUDIO output termination to this machine AUDIO input, respectively.



AV2 Video Signal Connection

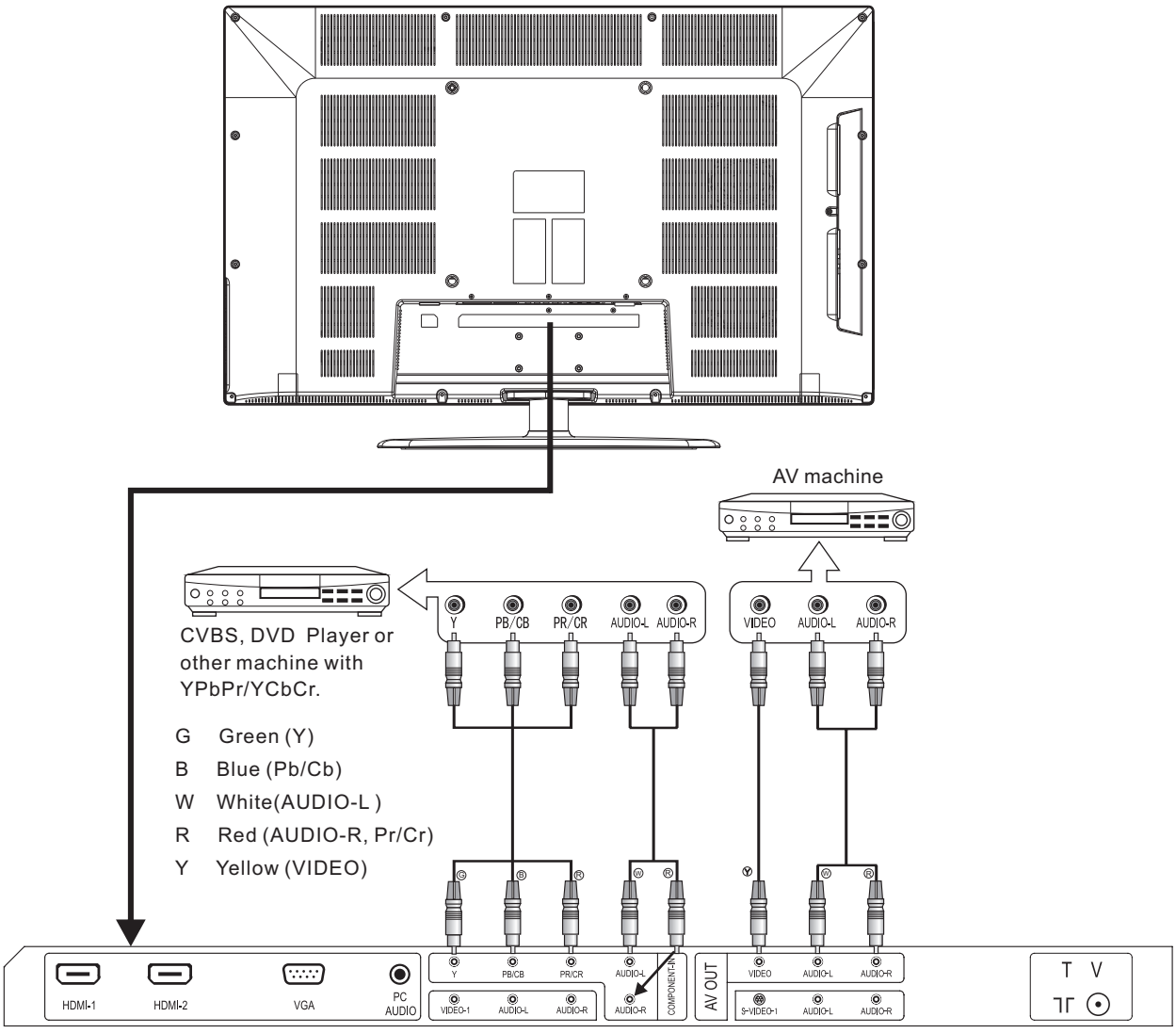
For easy connection to AV Video Signal, there are a group of AV Video Signal input ports on the left side of the machine. The connection method is the same as AV1.



🎧 Earphone Socket: The TV speakers will be shut off when earphone is inserted into this socket. (Please adjust the volume to a suitable size, to avoid sounds excessive to affect the hearing.)

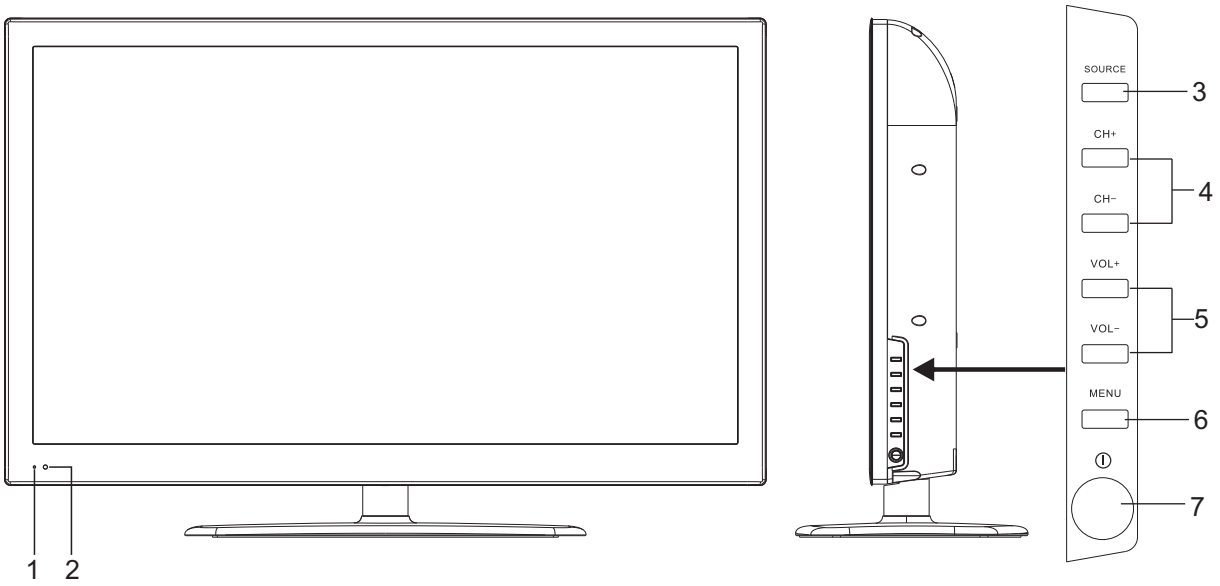
YPbPr/YCbCr Input Connection

If the signal source is DVD, Digital wired receiver or equipments with the YPbPr/YCbCr output, recommends you to connect YPbPr or YCbCr output with the TV YPbPr/YCbCr input. In order to obtain the better picture quality, at the same time, please connect its audio output with TV audio input as shown in the following chart. If you choose the YPbPr/YCbCr signal, please set signal source selection under YPbPr pattern.



Position of Control Keys

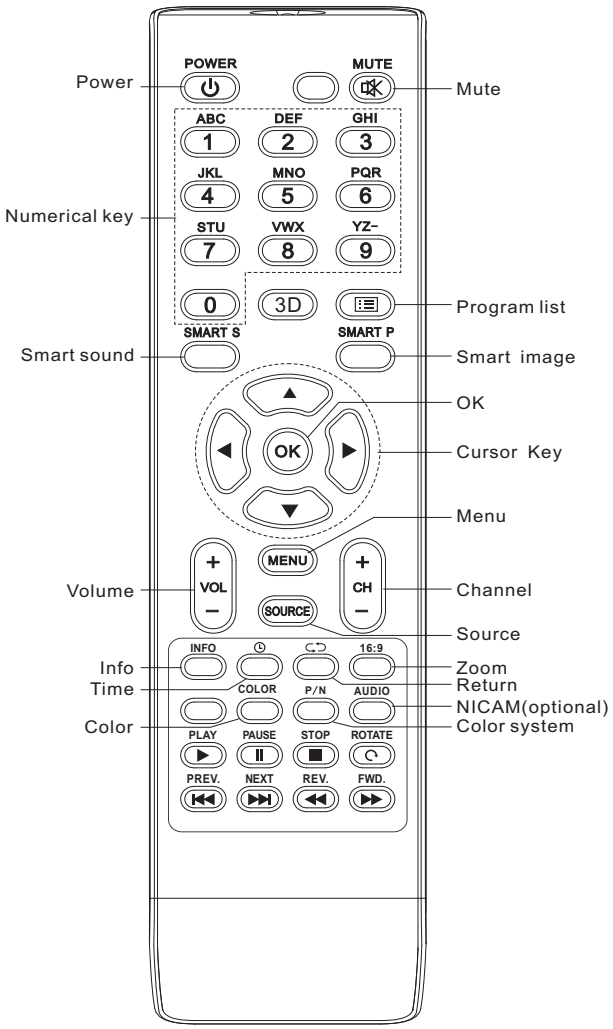
Front Panel Control Keys



1) Power Indicator.
2) Remote Receiving Sensor.
3) SOURCE: Press this key to enter the menu of signal source and choose signal source.
4) CH+/CH-: Press these two keys to select the channel, and adjust the options you need under OSD operation.
5) VOL+/VOL-: Press these two keys to add or reduce volume, and adjust the analog value under OSD operation.
6) MENU: Press this key to enter main menu.
7) ⏻ Power switch .

Note: *There are some apparent differences between modes, please proceed as per the practical situations.*

Remote Control



Telecontrol battery installation method

Take off the cover of battery box, fix two AAA batteries with 1.5 volt, and confirm with the polarity of remote control battery box.

Note: *Appearance of the remote control may be different from this picture, please follw the actual one.*

Remote Control Key Instruction

Key	Function
POWER	Turn on or standby
MUTE	Eliminate sound
Numerical key	Number input button
3D	3D menu shortcut key
Program list	Look through program list
SMART S	Intelligent sound mode selection
SMART P	Intelligent image mode selection

Remote Control

Key	Function
Cursor key	Up or Down cursor button: function select; Left or right cursor button: analog add or reduce
VOL+/VOL-	Sound volume add or reduce button
MENU	Press this button to display menu
SOURCE	Press this button to display signal source selection menu
CH+/CH-	Select channel Number
INFO	System information display switch
Time (⏲)	Timer setting button, press this key can set time of turning down.
Return (⮌)	Press this button to return to last watching channel
16:9	Switch aspect ratio
Color	Color temperature mode selection button:
P/N	Color system mode selection button:
AUDIO (optional)	Select NICAM mode
OK	Confirm operation
PLAY (▶)	For USB operation
PAUSE (⏸)	
STOP (■)	
ROTATE (⟳)	
PREV. (⏮)	
NEXT (⏭)	
REV. (◀◀)	
FWD. (▶▶)	

Precautions for use of remote control

1. When using remote control you should point it to the remote-control inductive window. The goods between remote control and inductive window may hinder normal operation.
2. Do not cause the remote control to receive fierce vibration. In addition, do not set or place the remote control under direct sunlight, as the thermal energy will cause the distortion of remote control.
3. When remote-control inductive window of main machine is under direct sunlight or intense illumination, the remote control may malfunction, by now, please change the angle of illumination or this machine, or approach the inductive window to operate the remote control.
4. When the battery voltage is insufficient it influences the remote control distance, you should replace with new battery; when not to use the remote control for long or the battery is exhausted, please take out the battery, in order to avoid bringing the battery leakage to corrode the remote control and thus leading to its malfunctioning.
5. Do not use different batteries. The mix use of new and old batteries is not allowed, you should use battery pair.
6. Do not throw battery into fire, charge or disassembly, especially do not charge, assemble and disassemble, heat or burn to the used battery. Please observe the related environmental protection stipulation on wasted battery.

Basic Operation Instruction

Power On

Plug power cord into the electrical socket and press " ⏻ " key on the control panel, then press " ⏻ " key on the remote control to turn on the TV.

Standby

Press "Power"key on the remote control. TV will be in standby.

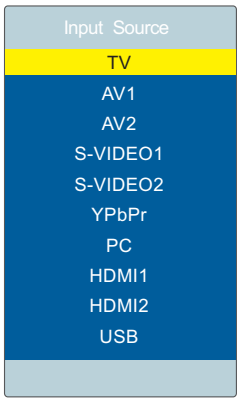
★Special Attention:

1.TV set will automatically turn to standby if there is no signal input for 5 minutes when TV turns on.

2.TV set will automatically turn to standby when the preset time of turning off reaches.

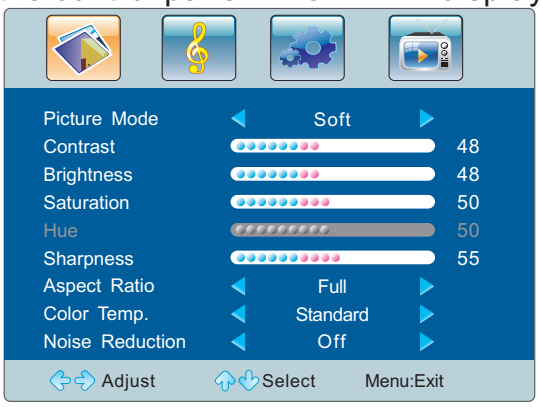
Signal Source Selection

Press "SOURCE" key either on the remote control or on the control panel. "MENU OF SIGNAL SOURCE" will be displayed on the screen. Then press "Up/Down" key on remote control or "CH+/CH-" key on the control panel to choose the signal source such as TV, AV1, AV2, S-VIDEO1,S-VIDEO2, YPbPr, PC, HDMI1, HDMI2, USB. Press "OK" key on the remote control or "MENU" key on the control panel and TV will switch the current signal source to the signal source you choose.



Menu Operation Instruction

Press "MENU" key on the remote control or on the control panel. The TV will display the main menu.



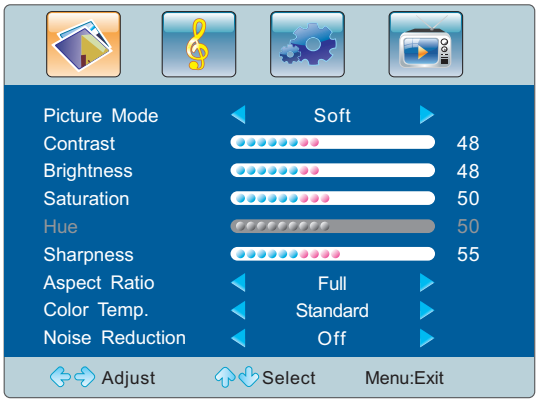
1. Press "Left/Right" key on the remote control or "VOL+/VOL-"key on the control panel to select the adjustment sort menu, which includes 4 sorts: PICTURE, SOUND, OSD, TV.
2. Press "Down"key on the remote control or "CH-" on the control panel to enter the adjustment sort menu.
3. Press "Up/Down" key on the remote control or "CH+/CH-" on the control panel to select what is needed to adjust in sort menu.
4. Press "Left/Right" key on the remote control or "VOL+/ VOL-"on the control panel to adjust the value or setting.
5. Press "Menu" key to exit the main menu when the TV displays the Main Menu; Press "Menu" key to return to previous menu when the TV displays the submenu;

Press "Source"key to display the signal source menu or exit signal source menu.

6. During the operation, the selections which can not be adjusted at current mode will be hidden automatically and the color of the selections will be changed into gray.
7. Menu Operation Instruction in this manual is explained according to TV mode. The operations in other modes are similar to the one in TV mode. Users can take it as reference.

PICTURE

Select to enter the PICTURE submenu. Press "Up/Down" key on the remote control or "CH+/CH-" key on the control panel to choose what you need. Press the "Left/Right" key on the remote control or the "VOL+/VOL-" key on the control panel to adjust analog value or state (see below table).



★Special Attention

1. The Hue function is available only for NTSC system.
2. The value adjusted by user, such as Contrast, Brightness, Hue, Saturation, and Sharpness will be saved automatically by the machine as User mode.

★Remote Control Shortcut Keys

SMART P: Press SMART P key on the remote control. You can switch the function among the "Standard", "Soft", "User", "Bright" four modes .

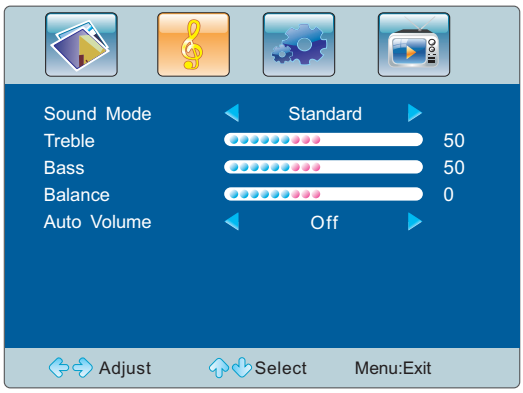
16:9: Press 16:9 key on the remote control, you can switch the mode among the "Full, "4:3", "Subtitle","Film" four modes.

Option	Function	Description
Picture Mode	Select picture mode	"Standard", "Soft", "User," "Bright" four modes.
Contrast	Adjust the contrast of whole picture	Increasing analog value increases Contrast; Decreasing analog value decreases Contrast(0-100).
Brightness	Adjust brightness and blackness of whole picture	Increasing analog value increases brightness; Decreasing analog value decreases brightness(0-100).
Saturation	Adjust the saturation of whole picture	Increasing analog value increases color; Decreasing analog value decreases color (0-100).
Hue	Adjust the hue of whole picture	Increasing analog value increases green; Decreasing analog value increases purple(0-100).
Sharpness	Adjust the sharpness of whole picture	Increasing analog value increases definition; Decreasing analog value decreases definition (0-100).
Aspect Ratio	Select picture scale	"Full, "4:3", "Subtitle","Film" four modes
Color Temp	Select color temperature mode of the picture	There are three Color Temperature modes, "Standard", "Warm", "Cool ".
Noise Reduction	Select model of 3D NR	"Middle", "High", "Off","Low".

SOUND

Select to enter the SOUND submenu. Press "Up/Down" key on the remote control

or the key "CH+/CH-" on the control panel to choose what you need. Press the "Left/Right" key on the remote control or the "VOL+/VOL-" key on the control panel to adjust analog value or state (see below table).



★Special Attention

1. Normally, 0 value of adjustment is recommended;
2. The treble or bass analog value which is adjusted by the users will be saved as the User mode by the machine

★Remote Control Shortcut Keys

SMART S: Press SMART S key on the remote control. You can switch the function among the, "Standard","Music", "Movie","User" four modes.

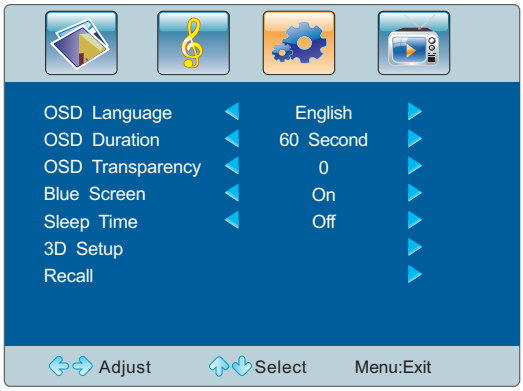
MUTE: Open or close sound.

VOL+/VOL-: Add or reduce volume.

Option	Function	Description
Sound Mode	Adjust audio effect mode	"Standard", "Music", Movie", "User" four modes.
Treble	Adjust treble value	Increasing analog value increases treble; Decreasing analog value decreases treble (0-100).
Bass	Adjust bass value	Increasing analog value increases bass; Decreasing analog value decreases bass (0-100).
Balance	Adjust balance of left or right sound	Increasing analog value decreasing left volume; Decreasing analog value decreases right volume(L50-R50).
Auto Volume	Select Auto Volume	"On/Off", two states.

OSD

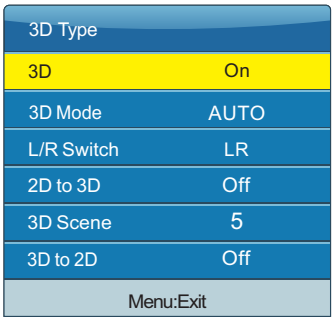
Select to enter the OSD submenu. Press "Up/Down"key on the remote control or "CH+/CH-"key on the control panel to choose what you need. Press the "Left/Right" key on the remote control or the"VOL+/VOL-" key on the control panel to adjust analog value or state (see below table).



Option	Function	Description
OSD Language	Select language for OSD display	There are many languages to select
OSD Duration	Adjust duration of OSD menu	Increasing analog value, extend duration time of OSD menu; (15, 30, 45, 60). Unit: second
OSD Transparency	Adjust halftone of OSD menu	Increasing analog value increases halftone; Decreasing analog value decreases halftone(0-100).
Blue Screen	Open or close blue screen	"On/Off", two states.
Sleep Time	Set sleep time of the machine	"Off, 15M, 30M, 45M, 60M,90M, 120M, 240M", unit: minute.
3D Setup	Adjust 3D setting	Please refer to "3D Setup".
Recall	Resume to setting of factory	Reset all values to setting of factory.

3D Setup

Select to enter OSD submenu. Press "Up/Down" key on the remote control or "CH+/CH-" key on the panel to choose "3D Setup". Press "Right" key on the remote control or "VOL+" key on the panel and the submenu for 3D Setup will be displayed on the screen.



★ Special Attention

1. This function works only in USB and HDMI modes.
2. Only when appropriate 3D mode is selected you can see 3D effect.
3. Wear 3D glasses before watching 3D videos.

★ Remote Control Shortcut Keys

Press "3D" key on the remote control to access the menu for 3D Setup.

Option	Function	Description
3D	Switch on and off 3D function	Switch on or off 3D function
3DMode	Select 3D format	Side by side: side by side image format, displaying two overlapped images side by side; Top bottom: top bottom image format, displaying two overlapped images from top bottom; Line by line: line by line format, displaying images line by line for both eyes; Frame alternative: frame alternative format, displaying images by frame alternative format for both eyes; Automatic: this function works when HDMI 1.4 format 3D signal is used.
L/R Switch	Arrange images for left and right eyes	Left-right: arrange images from left to right eye; right-left: arrange images from right to left
2D to 3D	Switch from 2D to 3D	Enable/disable the function to switch from 2D to 3D
3D Scene	Adjust the depth of field for images after switch from 2D to 3D	Adjustment range from grade 1-10
3D to 2D	Switch from 3D to 2D	Enable/disable the function to switch from 3D to 2D

Important Safety Tips:

Please first read the following warnings before you or your child uses 3D function:

1. If you have headache, fatigue and dizziness when watching 3D video for long time, please stop watching it and take a break. We suggest that you do not watch 3D video for long time or in a short distance, for this will weaken your eyesight.
2. Suggest that those in poor health condition (have insufficient sleep or drink much) and pregnant women do not watch 3D video.
3. The children are only allowed to watch 3D video with the company of their parents. The children younger than 6 are not allowed to watch 3D video.
4. Warning for photosensitive epilepsy patients and other health risks:
   The photosensitive epilepsy patients may suffer from sudden epilepsy or stroke when seeing some flashing images or light in the video. If you or your relatives have once suffered from epilepsy or stroke, please consult the physician before using 3D function. Even those without personal or family clinical record of epilepsy

or stroke might suffer from elicited "photosensitive epilepsy attack" that has not diagnosed before.

Once you have the following symptoms, please stop watching 3D video and consult physician: faintness, dizziness; involuntary movement (like eyes and muscle twitches), confusion; nausea, unconsciousness, twitches, spasm and disorientation, etc..

Parents should observe and inquire if their children have such symptoms, for children are more likely to have these symptoms than adults.

5. Please do not watch 3D video in open staircase or balcony with cables or other articles that might stumble, knock down or hit you. As this product is designed to make you feel personally on the scene, some true-to-life 3D videos might make you take evasive action, resulting in knock down of the objects nearby and personal injuries.

Note:

1. *You may not be able to experience 3D effect wearing 3D glasses of other company, so please wear the 3D glasses designated by our company.*
2. *As 3D glasses are easily to be scratched, please properly keep them when they are not used. Please clear the glasses with clean and soft cloth.*
3. *Please watch 3D video in effective visual angle and distance. The most preferable distance is equivalent to 3 times of the height of screen. You will not be able to experience 3D effect beyond effective visual angle and distance. Suggest that you try to align your sight with the screen height.*
4. *You may not be able to experience 3D effect if your eyesight differs significantly for both eyes.*
5. *You may not be able to experience 3D effect if you watch 3D video by sleeping on the side.*
6. *Do not use 3D glasses as sunglasses or for other purposes.*

Appendix: 3D formats supported by 3D video

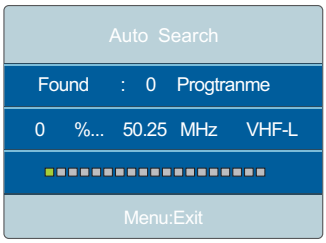
Mode	Resolution	Refresh	3D video file that can be played	Function
Formats supported by HDMI input	1280 × 1470P	50Hz	Frame Parking (HDMI V1.4 with 3D) frame package	HDMI Frame Parking can only support the video formats of these 3 resolutions; HDMI device should support Version 1.4
	1280 × 1470P	60Hz	Frame Parking (HDMI V1.4 with 3D) frame package	
	1920 × 2205P	24Hz	Frame Parking (HDMI V1.4 with 3D) frame package	
	1920 × 720P	50/60Hz	Side by side/top bottom	
	1920 × 1080i	50/60Hz	Side by side/top bottom	
	1920 × 1080P	60Hz	Side by side/top bottom/line by line/ frame alternative	
		50Hz	Side by side/top bottom	
		24Hz	Side by side/top bottom/line by line	
Formats supported by USB input	1920 × 1080P	30Hz	Side by side/top bottom/line by line	Other 3D formats not recommended

TV

Select to enter the TV submenu. Press "Up/Down" key on the remote control or "CH+/CH-" key on the control panel to choose what you need. Press the "Left/Right"key on the remote control or the "VOL+/VOL-" key on the control panel to adjust analog value or state (see below table).

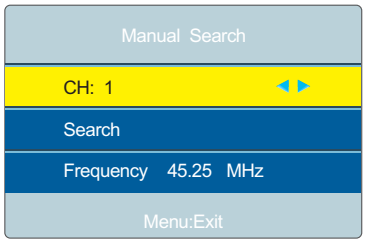
Option	Function	Description
Color System	Select color system	"PAL, NTSC, AUTO" three modes.
Sound System	Select sound system	"I, DK, M, BG" four modes.
Skip	Select skip or not	"Off/On" two states.
Auto Search	Select auto search	Please refer to "Auto Search"
Manual Search	Select manul search	Please refer to "Manual Search"
Fine Tune	Select fine tune	Please refer to "Fine Tune"
Channel Edit	Select channel edit	Please refer to "Channel Edit"

Auto Search



Select to enter the submenu of TV. Then press "Up/Down" key on the remote control or "CH+/CH-" on the control panel to select "Auto Search". The machine perform search after pressing "Right " key on the remote control or "VOL+" on the control panel. (In the process of searching the channel automatically, press the key of "MENU" on the remote control ,a dialogue of "Do you want to exit searching?" display on the screen. Press "Left" cursor key to confirm and exit. Press "Right" cursor key to cancel operation and continue auto search). All of the TV programs will be saved automatically.

Manual Search



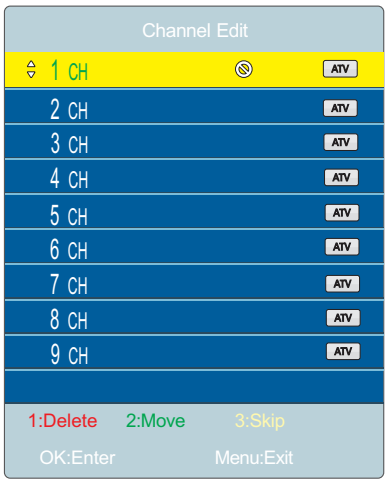
Select to enter the submenu of TV. Then press "Up/Down" key on the remote control or "CH+/CH-"on the control panel to select "Manual Search". Then press the key of "Right" on the remote control to enter submenu of Manual Search. Press 'Left/Right" key on the remote control to select channel No.. Press "Up/Down" key on the remote control to select "SEARCH", press "Left/Right" key on the remote control again, the machine begin searching toward low frequency or high frequency. (In the process of searching the channel automatically, press the key of "MENU" on the remote control to stop searching).

Fine Tune

Select to enter the submenu of TV. Then press "Up/Down" key on the remote control or "CH+/CH-" on the control panel to select "Fine Tune". Press "Left/Right" key on the remote control to adjust from low frequency or high frequency.

Channel Edit

Select to enter the submenu of TV. Then press "Up/Down" key on the remote control or "CH+/CH-" on the control panel to select "Channel Edit". Press "Right" key on the remote control to enter submenu of "Channel Edit"



Delete: Press "Up/Down" key on the remote control to select channel which you wish delete. Press "1" key on the remote control, press "MENU" key to return .

Move: After select channel, press "2" key on the remote control, then press "Up/Down" key on the remote control to select position where you wish to place, then press "MENU" key on the remote control to return.

Skip: Press "Up/Down" key on the remote control to select channel, press "3" key on the remote control to open or close "Skip".

Select Channels with "CH+/CH-" Key

Press "Channel" key on the remote control or "CH+/CH-" key on the control panel to select the channels.

Select channels with the Return key you can go to the last channel when pressing the Return key. For example, if the last channel is 10 and the current channel is 20, you will go to channel 10 when pressing the Return key. You can switch the two favourite channels as you like.

Select Channels with Numeric Keys

1. Operations to select channels with 1 digit (0-9):
   Press the number keys (0-9)on the remote control to select TV channel directly.
2. Operations to select channels with 2 digits (10-99):
   Press the number keys with 2 digits (10-99) on the remote control to select TV channels.
3. Operations to select channels with 3 digits (100-199):
   Press the number keys with 3 digits (100-199) on the remote control to select TV channels.

Note: With the mode of AV1, AV2, S-VIDEO1,S-VIDEO2, YPbPr, PC, HDMI1, HDMI2, all functions and adjustments are similar with TV. User can check it at convenience. HDMI connector can realize DVI connector function with external HDMI/DVI commutator.

USB signal source operation

Please insert USB memory card into USB interface of TV, press "source" key on the remote control or control panel to select USB signal source, press "OK" key to enter.

Note:

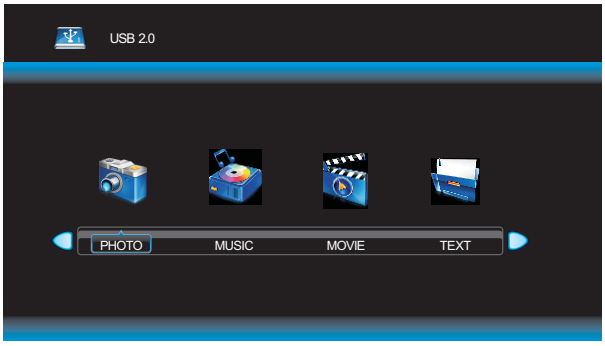
① *USB function support file format with video file/sound file/graphic file/text file. For some nonstandard USB storage devices, may appear condition of unable recognize, please replace the standard USB storage device.*

② *Streaming media system to play a file for each format has certain limitations, if more than the system limit, then play will be wrong*

③ *Do not pull up USB storage devices when system playing, this may result in system or equipment problems*

④ *The system supports USB1.1 and USB2.0 connector, the standard transport protocol such as U disk and removable hard disk storage devices, USB devices file format must be FAT or FAT32, does not support NTFS.*

Press "Left/Right" key on the remote control to select the document sort menu, which includes 4 sort: PHOTO, MUSIC, MOVIE, TEXT.



★Remote Control Shortcut Keys
The last two row keys on the remote control are used for USB operation.

PHOTO

Select to enter the PHOTO submenu. Select your mobile U disk or hard disk, and press "OK" key on the remote control to read your photo documents.

Select to return previous menu. Press cursor key on the remote control to select photo and press "OK" key (After the photo

was selected, the file lower right corner shows a red hook. you can choose photos to join playlist.). Press "PLAY" key on the remote control to play. when you choose nothing, the machine will join all the photos in the file in playlist automatically.

Basic Function

When photos are playing, press "INFO" key on the remote control, a toolbar will display under the screen(press "Down" key on the remote control to hide toolbar).

	Play/Pause: Press "Left/Right" key on the remote control to select this function, press"OK" key to play or pause .
	Prev.: Press "Left/Right" key on the remote control to select this function, press"OK" key to read previous photo.
	Next: Press "Left/Right" key on the remote control to select this function, press"OK" key to read next photo.
	Stop: Press "Left/Right" key on the remote control to select this function, press"OK" key to stop playing and return to previous menu.
	Repeat: Press "Left/Right" key on the remote control to select this function, press"OK" key to select repeat One or repeat all or not repeat.
	Music: Press "Left/Right" key on the remote control to select this function, press"OK" key to play background music.(Musics and photos need to place in the identical folder, or you may select some music in music file first.)
	Playlist: Press "Left/Right" key on the remote control to select this function, press"OK" key to show playlist.
	Info. : Press "Left/Right" key on the remote control to select this function, press"OK" key to show the information of photo. Including resolution, size and so on.
	Clockwise: Press "Left/Right" key on the remote control to select this function, press"OK" key to clockwise rotation photo.
	Counter-clockwise: Press "Left/Right" key on the remote control to select this function, press"OK" key to counter-clockwise rotation photo.

MUSIC

The operations are similar to the "PHOTO".Please refer to "PHOTO" options.

Basic Function

	FB: Press "Left/Right" key on the remote control to select this function, press"OK"key to fast back. Press "PLAY"key to play normally.
	FF: Press "Left/Right" key on the remote control to select this function, press "OK" key to fast forward. Press "PLAY"key to play normally.
	Select time: Press "Left/Right" key on the remote control to select this function, press"OK" key to select the time to play .

Other functions are similar to the "PHOTO", Please refer to "PHOTO" options.

FILM

The operations are similar to the "PHOTO".Please refer to "PHOTO" options.

Basic Function

	Set A: Press "Left/Right" key on the remote control to select this function, press"OK" key to set A and B, the film will circulating play in the time of A to B.
	SF: Press "Left/Right" key on the remote control to select this function, press "OK" key to slow down play speed. Press "PLAY"key to play normally.
	Step: Press "Left/Right" key on the remote control to select this function, press"OK" key to play one step by step. Press "PLAY"key to play normally.
	Zoom in: Press "Left/Right" key on the remote control to select this function, press"OK" key to enlarge picture. (if the document is larger than 1920×1080, this function is unsupported.)
	Zoom out: Press "Left/Right" key on the remote control to select this function, press"OK" key to reduce picture.(This function does not support more than 1920×1080 HDvideo.)
	Proportion: Press "Left/Right" key on the remote control to select this function, press"OK" key to select proportion among Auto/4:3/Full.(This function does not support more than 1920×1080 HDvideo.)

TEXT

The most operations and functions are the similar to "PHOTO". Please refer to "PHOTO" options.

Simple Troubleshooting

Symptom	Factor	Solution
Snowflake speckle and sound noise.	1.Antenna cable connector is loose, cable is damaged. 2.Channel setting is incorrect. 3.Antenna cable type is not matching. 4.Direction or position of antenna cable is incorrect. 5.Signal is weak.	1.Check the antenna cable connector plug whether or not loose, cable whether or not perfect. 2.Refer to channel setting method, resetting again. 3.Check antenna cable type(VHF/UHF) 4.Adjust direction or position of antenna cable . 5.Attempt to use signal amplifier.
TV image is better, but has noise.	TV system setting is incorrect.	Enter to "TV" menu, reset sound system again .
No image. No sound.	Power plug is loose, power cord don't connect well.	1.Check power cord whether or not connect well. 2.Check if " ⏻ " on the panel is on.
TV image have stripe.	Signal is exposed to disturb, such as car, neon light, electric blower etc.	Don't use electric blower around machine, adjust antenna cable direction to reduce disturb.
TV image have shadow.	1.TV signal is reflected by valley or building. 2.Toward direction of antenna cable is incorrect.	1.Use high directional antenna cable. Use Fine Tune of "TV". 2.Adjust toward direction of antenna cable.
No color.	1.Color saturation is too low. 2.Color system is incorrect .	1.Enter "PICTURE" to add up color saturation. 2.Enter "TV" to change color system.
TV no sound.	1.Volume setting is too low. 2.Sound is muted. 3.Sound system is incorrect.	1.Adjust volume to proper value. 2.Press "MUTE" button on remote control to eliminate mute. 3.Enter "TV" to change sound system.
Computer no display,and prompt no signal input,red indicator LED twinkling.	Signal cable is loose or fall off.	Check signal cable whether or not loose, fall off, reconnect well again.
Remote control distance is short, lose control.	1.Receive window of remote continue was covered by objects. 2.The battery energy of remote control is to low.	1.Remove objects, avoiding cover the receive window of remote control. 2.Change battery.
Computer display faintly.	1.Adjustment is incorrect. 2.Display mode is incorrect.	1.Use auto-adjustment function. 2.Use commend mode.
Computer display image excursion, not full screen, over screen.	1.Adjustment is incorrect. 2.Display mode is incorrect.	1.Use auto-adjustment function. 2.Enter "GEOMETRY" to adjust horizontal or vertical position. 3.Use recommended mode.
Noise Signals at turning off.	Electrical release at turning off.	It is normal.
Can not operate this machine.	Exterior influence, for example lightning, static electricity and so on, which are possibly to disturb the normal operation of this machine.	Press " ⏻ " button to turn off electrical source, then press " ⏻ " button to turn on the TV again after 1-2 minutes.

CAUTION: Don't let your machine display the same picture for a long time, please set up a screen protection procedure. If a high contrast picture remains for along time, this picture will bring a 'leave shadow' in screen. Usually the 'leave shadow' will disappear gradually when you turn off the machine power. However, this trouble can't be repaired, Which isn't in range of warranty.

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